

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8572	(118/715,50,733).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/29 18:28
L2	573	L1 and (vacuum chamber) and (gasket or o-ring or seal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 18:28
L3	5286	((277/312,315,316,630,637,905,921) or (220/680,681,361,677) or (49/479.1,498.1,475.1)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/29 18:28
L4	274	L3 and (vacuum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 18:28
L5	8572	(118/715,50,733).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/29 18:28
L6	1775	L5 and (chamber) and (gasket or o-ring or seal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 18:28
L7	565	L6 and groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 18:28
L8	1171	(vacuum) and (gasket or o-ring) and (sidewall or (side wall) or (side plate)) and (((top or upper) plate) or lid) and ((floor or bottom or lower) plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 21:17

## EAST Search History

L9	49	(L2 or L4 or L7 or L8) and (@ad<="20040324" or @rlad<="20040324") and @pd>="20060313"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 18:42
L10	22	L1 and (vacuum chamber) and (gasket or o-ring or seal) and (circumferential edge) and groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 18:45
L11	13	(vacuum chamber) and ((gasket or o-ring or seal) same (circumferential edge) same groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 18:45
L12	132	(vacuum chamber) and (gasket or o-ring or seal) and (circumferential edge) and groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 18:45
L13	218	(vacuum chamber) and (gasket or o-ring) and (sidewall or (side wall)) and (((top or upper) plate) or lid) and ((floor or bottom or lower) plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 18:45
L14	61	(vacuum chamber) and (gasket or o-ring) and (side plate) and (((top or upper) plate) or lid) and ((floor or bottom or lower) plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 18:45
L15	33	L3 and (vacuum chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 18:45
L16	3	(L10 or L11 or L12 or L13 or L14 or L15) and (@ad<="20040324" or @rlad<="20040324") and @pd>="20060313"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 19:08

## EAST Search History

L17	1230	(Nobuyuki near3 Takahashi).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 19:09
L18	36	L17 and vacuum and (gasket or o-ring or seal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 19:09
L19	3	(L18) and @pd>="20060313"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 19:14
L20	142	(Nobuyuki near3 Takahashi).in. not L18	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/09/29 19:14
L21	3	(L20) and @pd>="20060313"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 19:17
L22	24	((vacuum chamber) and (gasket or o-ring) and plate and groove).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 19:17
L23	1	(L22) and @pd>="20060313"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 19:35
L24	950342	(C23C016\$ or H01L021\$)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 19:36
L25	13442	24 and (gasket or o-ring or seal) and @pd<="20040324"	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 19:51
L26	1785	25 and chamber	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 19:55

## EAST Search History

L27	344	25 and chamber and plate	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 20:44
L28	289	(25 and chamber and wall) not 27	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 20:59
L29	61	(25 and groove and project\$4)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 21:00
L30	7514	(vacuum) and (gasket or o-ring) and (wall or plate) and groove and project\$4 and (@ad<="20040324" or @rlad<="20040324")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 22:09
L31	5337	30 and edge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 21:27
L32	1706	(vacuum) and ((gasket or o-ring) same (wall or plate) same groove) and project\$4 and (@ad<="20040324" or @rlad<="20040324")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 21:30
L33	1659	32 not (2 or 3 or 7 or 13)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 21:33
S1	2	("20040187781").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/13 15:01
S2	8295	(118/715,50,733).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/12 22:19

## EAST Search History

S3	552	S2 and (vacuum chamber) and (gasket or o-ring or seal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/13 15:07
S4	22	S2 and (vacuum chamber) and (gasket or o-ring or seal) and (circumferential edge) and groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/12 23:28
S5	13	(vacuum chamber) and ((gasket or o-ring or seal) same (circumferential edge) same groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/12 23:33
S6	126	(vacuum chamber) and (gasket or o-ring or seal) and (circumferential edge) and groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/12 23:49
S7	92	S6 not (S4 or S5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/12 23:34
S8	212	(vacuum chamber) and (gasket or o-ring) and (sidewall or (side wall)) and (((top or upper) plate) or lid) and ((floor or bottom or lower) plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/13 16:04
S9	205	S8 not (S4 or S5 or S7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/12 23:53
S10	61	(vacuum chamber) and (gasket or o-ring) and (side plate) and (((top or upper) plate) or lid) and ((floor or bottom or lower) plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/13 00:08

## EAST Search History

S11	10	("2859812"   "2861712"   "3955702"   "4315390"   "4722153"   "5086598"   "5676757").PN. OR ("5853176").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/03/13 11:12
S12	0	("2005/0183824").URPN.	USPAT	ADJ	ON	2006/03/13 11:39
S13	5226	((277/312,315,316,630,637,905, 921) or (220/680,681,361,677) or (49/479.1,498.1,475.1)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/13 12:25
S14	33	S13 and (vacuum chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/13 13:29
S15	272	S13 and (vacuum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/13 13:30
S16	0	JP-2004292867-S.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/13 15:02
S17	2	"2004292867"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/13 20:37
S18	8295	(118/715,50,733).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/13 15:07
S19	1673	S18 and (chamber) and (gasket or o-ring or seal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/13 15:08

## EAST Search History

S20	524	S19 and groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/13 15:08
S21	552	S18 and (vacuum chamber) and (gasket or o-ring or seal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/13 15:10
S22	299	S20 and (@ad<="20040324" or @rlad<="20040324") not (S21 or S15)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/09/29 18:16
S23	1115	(vacuum) and (gasket or o-ring) and (sidewall or (side wall) or (side plate)) and (((top or upper) plate) or lid) and ((floor or bottom or lower) plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/13 16:04
S24	212	(vacuum chamber) and (gasket or o-ring) and (sidewall or (side wall)) and (((top or upper) plate) or lid) and ((floor or bottom or lower) plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/13 16:06
S25	61	(vacuum chamber) and (gasket or o-ring) and (side plate) and (((top or upper) plate) or lid) and ((floor or bottom or lower) plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/13 16:06
S26	690	S23 and (@ad<="20040324" or @rlad<="20040324") not (S21 or S15 or S22 or S24 or S25)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/13 16:09
S27	1208	(Nobuyuki near3 Takahashi).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/13 20:58

## EAST Search History

S28	33	S27 and vacuum and (gasket or o-ring or seal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/13 20:40
S29	139	(Nobuyuki near3 Takahashi).in. not S28	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/03/13 21:08
S30	23	((vacuum chamber) and (gasket or o-ring) and plate and groove).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/03/13 21:12